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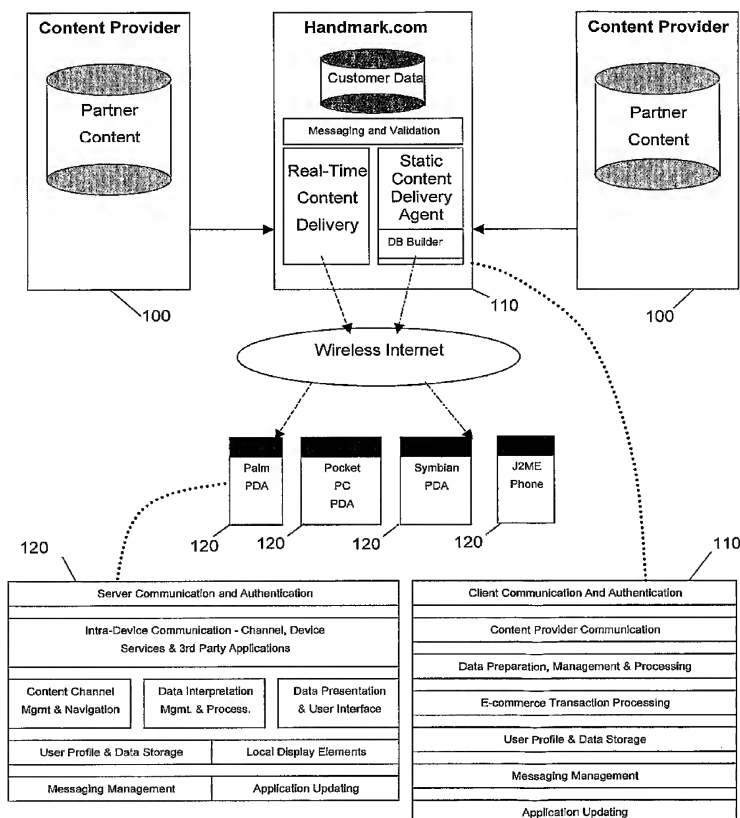
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(54) Title: DATA ACCESS ARCHITECTURE



(57) Abstract: Methods and apparatuses for remotely accessing data through a wireless device are disclosed. Preferably, the wireless device includes an ability to link data between software components operating on the wireless device. Additionally, the wireless device preferably includes an ability to reduce remote data access by identifying a first data type and a second data type used by a software component, retrieving data corresponding to the first data type from a service provider, retrieving data corresponding to the second data type from the portable device, and displaying on the portable device a return content result including both the first data type and the second data type.

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